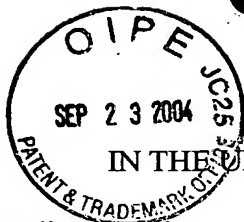


45490



1170
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nam-Yul Yu, et al.

Serial No.: 10/622,508

Filed: July 21, 2003

For: APPARATUS AND METHOD FOR
TURBO DECODING

Group Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

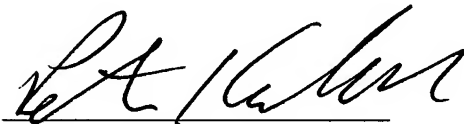
In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicants hereby transmit a European Search Report and copies of the documents listed in the attached Form PTO-1449, which may be deemed material to the examination of the above-identified application. A copy of a International Search Report citing these documents is also being transmitted for the Examiner's information.

Since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

The Examiner is requested to consider the attached documents in connection with the above-identified application and to return a copy of Form PTO-1449 to the Applicants with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'P.L. Kendall', is written over a horizontal line.

Peter L. Kendall
Attorney for Applicant
Reg. No.: 46,246

Roylance, Abrams, Berdo & Goodman, L.L.P.
1300 19th Street, N.W., Suite 600
Washington, D.C. 20036-2680
(202) 659-9076

Dated: September 23, 2004



Form PTO-1449 <small>US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</small> INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO. 45490		SERIAL NO. 10/622,508	
				APPLICANT Nam-Yul Yu			
				FILING DATE July 21, 2003		GROUP Not Assigned	

U.S. Patent Documents							
		Patent No.	Date	Patentee	Class	Sub-class	Filing Date

Published U.S. Patent Application							
		Patent No.	Pub. Date	Patentee	Class	Sub-class	Filing Date
		2002/0040461	4-2002	Miyauchi	714	758	6-2001

Foreign Patent Documents or Foreign Patent Applications								
		Document No.	Pub. Date	Country or Patent Office	Class	Sub-class	English Abstract	
							Yes	No

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)		
		Yoon, Sangho, "Turbo Decoder Implementation", Proc. of IEEE 54 th Vehicular Technology Conference, Atlantic City, USA, vol. 1 of 4, conf. 54, pages 1824-1828, October 2001.
		Classon B., et al., "Turbo Decoding with the Constant-Log-MAP Algorithm", Proc. of the 2 nd Intern. Symposium on Turbo Codes and Related Topics", Brest, France, pp 467-470, September 2000.
		Ericsson Inc., "Simplified Log-MAP Algorithm", Research Disclosure, Kenneth Mason Publications, Hampshire, GB, vol. 421, no. 33, May 1999.
		Cheng, J-F, et al., "Linearly Approximated Log-Map Algorithms for Turbo Decoding", Proc. of IEEE 51 st Vehicular Technology Conference, Tokyo, Japan, vol. 3, conf. 51, pp. 252, 255, May 2000.
		Chaikalis, C., et al., "Improving the Reconfigurable SOVA/log-MAP Turbo Decoder for 3GPP", Proceedings of Third International Symposium on Communication Systems Networks and Digital Signal Processing, stoke on Trent, UK, pp. 105-108, July 2002.
		Vogt, J., et al., "Improving the Max-Log-MAP Turbo Decoder", Electronics Letters, IEE Stevenage, GB, vol. 36, no. 23, pp. 1937-1939, November 2000.

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.